

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/544,156  
Filing Date: August 1, 2005  
Applicant: Hisashi Kojima, et al.  
Group Art Unit: 2466  
Examiner: Christopher M. Crutchfield  
Title: OPTICAL NETWORK, OPTICAL EDGE ROUTER,  
PROGRAM THEREOF, CUT THROUGH METHOD, AND  
EDGE ROUTER  
Attorney Docket: 5259-000057/US/NP

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Sir:

In response to the Office Action mailed November 24, 2009, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 15 of this paper.